



**Transportation Systems Management and Operations (TSMO)  
Advisory Committee**

**MEETING MINUTES**

**DATE:** Friday, April 28, 2017  
**TIME:** 8:30 a.m.  
**LOCATION:** MetroPlan Orlando  
David L. Grovdahl Board Room  
250 South Orange Avenue  
Suite 200  
Orlando, Florida 32801

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*Chairman Joedel Zaballero, Presiding*

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**Voting Members Present:**

Mr. Brett Blackadar, Altamonte Springs  
Mr. Benton Bonney, City of Orlando  
Mr. Kelly Brock, City of Casselberry  
Mr. Michael Cash, City of Sanford  
Mr. Steve Noto for John Omana, City of Lake Mary  
Mr. Noel Cooper, City of Maitland  
Mr. Jay Davoll, City of Apopka  
Mr. Hazem El-Assar, Orange County  
Mr. Brian Sanders, Orange County  
Mr. Kevin Felblinger, City of St. Cloud  
Mr. Bryant Smith for Brian Fields, City of Winter Springs  
Mr. Brian Homayouni, Central Florida Expressway Authority  
Mr. Doug Jamison, LYNX  
Mr. Steve Krug, City of Ocoee  
Mr. Butch Margraf, City of Winter Park

Ms. Mary Moskowitz, Osceola County  
Mr. Nabil Muhaisen, City of Kissimmee  
Ms. Lee Pulham, Reedy Creek Improvement District  
Mr. Brian Sanders, Orange County  
Mr. Ramon Senorans, Kissimmee Gateway Airport  
Mr. Chris Kitner for Shad Smith, City of Longwood  
Mr. Jean Jreij, Seminole County  
Mr. Charlie Wetzel, Seminole County  
Ms. Joedel Zaballero, Osceola County  
Mr. Bryan Homayouni, Central Florida Expressway Authority  
Mr. Noel Cooper, City of Maitland

**Voting Members Absent:**

Mr. Brian Fields, City of Winter Springs  
Mr. Brad Friel, GOAA  
Mr. John Omana, City of Lake Mary  
Mr. Shad Smith, City of Longwood

**Non-Voting Members/Advisors Present:**

Mayor Ray Bagshaw, City of Edgewood  
Ms. Susan Hutson, UCF  
Councilman Robert McKinley, Town of Windermere  
Mr. Glen Hammer, Osceola County CTST  
Mr. Jeremy Dilmore, FDOT

**Non-Voting Members/Advisors Absent:**

Mr. Rick Morrow, FDOT  
Mr. Eric Gordin, Florida Turnpike Enterprise  
Lt. Pete Brenenstuhl, Seminole County CTST  
Vacant, Orange County CTST

**Others in Attendance:**

Mr. David Cooke, FDOT  
Ms. Kellie Smith, FDOT  
Ms. Carol Scott, FTE  
Mr. Eric Hill, MetroPlan Orlando  
Mr. Keith Caskey, MetroPlan Orlando  
Ms. Lisa Smith, MetroPlan Orlando  
Mr. Frank Consoli, Seminole County

**I. Call to Order**

Chairman Joedel Zaballero called the meeting to order at 8:30 a.m. and welcomed everyone.

## II. Confirmation of Quorum

Ms. Lisa Smith confirmed the presence of a quorum.

## III. Agenda Review/Staff Follow-Up

Mr. Eric Hill, MetroPlan Orlando, called attention to the new transit screen in the front lobby. He explained that that screen provides real time updates for multiple modes of transit (i.e. Sunrail, Lynx and Lymmo buses, and the Juice Bike Share program). Mr. Hill noted that two discussion items have been added to today's agenda under other business: 1) Jeremy Dilmore, FDOT, will provide an update on ideas and concepts that have been discussed in moving forward with this year's USDOT Advanced Transportation and Congestion Management Technologies Deployment Initiative (ATCMTD); and 2) a new project that Seminole county would like to add to the Transportation Improvement Plan.

## IV. Public Comments on Action Items

None

## V. Action Items

### A. Approval of the February 24, 2017 TSMO Meeting Minutes

Approval was requested of the February 24, 2017, TSMO meeting minutes which were provided.

**MOTION:** Mr. Blackadar moved to approve the February 24, 2017 TSMO meeting minutes. Mr. Muhaisen seconded the motion, which passed unanimously.

### B. ITS Master Plan

Mr. Eric Hill, MetroPlan Orlando staff, requested approval of the ITS Master Plan. Mr. Hill stated that a special TSMOAC meeting was held on March 31, 2017 to allow staff the opportunity to walk Committee members through the plan so that action could take place at today's meeting. Staff provided information addressing the benefit/cost ratios and the benefits from recurring congestion. Information was provided on technologies that have been deployed by the City of Orlando in addition to a list of projects and costs. He acknowledged the ITS Master Plan Steering Committee members and thanked them for the work and efforts put into the project.

**MOTON:** Ms. Moskowitz moved to approve the ITS Master Plan. Mr. Senorans seconded the motion which passed unanimously.

### C. FDOT Amendment to FY 2016/17-2020/21 TIP

Mr. Keith Caskey, MetroPlan Orlando staff, provided an overview of amendments to the FY16/17-2020/2021 Transportation Improvement Plan. Mr. Caskey stated that staff recommends advancing the construction of a six-lane project on John Young Parkway from S.R. 50 to Shader Road from FY 2020/21 to FY 2017/18; and for the design of two pedestrian lighting improvement projects; one in Orange County and one in Osceola County. Staff also recommended approval of construction to upgrade a railroad crossing and signal improvement project on Edgewater Drive. A

letter from FDOT was provided to TSMOAC that gave more detailed information on the lighting projects and railroad crossing assessment procedures. Staff also provided the draft resolution to be presented at the May 10<sup>th</sup> Board meeting.

**MOTION:** Mr. Davoll moved to approve the FY16/17-2020-2021 Transportation Improvement Plan amendments. Ms. Moskowitz seconded the motion, which passed unanimously.

#### **D. 2040 LRTP Amendments**

Mr. Nick Lepp, MetroPlan Orlando staff, explained that Florida's Turnpike Enterprise requests approval of an amendment to the 2040 Long Range Transportation Plan which includes the removal of the project to widen SR 417 to eight lanes between I-4 in Seminole County to the Seminole County/Orange County line. The second request is to add the project to widen Florida's Turnpike to eight lanes between the Kissimmee Park Road interchange and US 192 interchange in Osceola County. The third request is to add a PD&E Study for Colonial Parkway (SR 504) between SR 408 and SR 520 along the SR 50 corridor. The final request is to add the following interchange modifications: the Florida Turnpike at Kissimmee Park Road, the Florida Turnpike at I-4 and the Florida Turnpike at SR 528. Mr. Lepp noted that all projects will be funded by Florida Turnpike Enterprises.

**MOTION:** Mr. Muhaisen moved to approve the 2040 Long Range Transportation Plan Amendments. Mr. Margraf seconded the motion, which passed unanimously.

#### **E. Appointment of Bylaws Review Task Force**

Mr. Hill, MetroPlan Orlando, explained that the TSMOAC bylaws are reviewed every two years. Staff requests the appointment of a task force consisting of at least three volunteers to review the bylaws and make updates as necessary. TSMOAC Chair Joedel Zaballero, Benton Bonney and Butch Margraf volunteered to serve on the committee.

**MOTION:** Ms. Moskowitz moved to appoint Joedel Zaballero, Benton Bonney and Butch Margraf to the TSMOAC Bylaws Review Committee. Mr. Blackadar seconded the motion, which passed unanimously.

#### **VI. Presentation and Status Reports**

There were no presentations.

#### **VII. Common Presentations/Status Reports (Presentations will be made at the TAC meeting)**

##### **A. Presentation on Orange Avenue Corridor Study**

Mr. J.P. Weesner, Kittelson & Associates, gave a presentation on the corridor study on Orange Avenue from Hoffner Avenue to Pineloch Avenue.

##### **B. Presentation on Air Quality Status and Reporting Methodology**

Mr. Nick Lepp, MetroPlan Orlando staff, give a presentation on the current status of air quality in the MetroPlan Orlando region and the methodology used to compile air quality data.

## VIII. General Information

### A. FDOT Quarterly Variance Report

The latest FDOT Quarterly Variance Report for the Orlando area was provided for information purposes.

### B. FDOT Monthly Construction Status Report

The latest FDOT Monthly Construction Status Report for the Orlando area was provided for information purposes.

### C. reThink Transit Screens Fact Sheet

A copy of reThink's Transit Screen Fact Sheet was provided for information purposes.

### D. Roundabouts Map

An updated map showing the location of roundabouts in the MetroPlan Orlando region was provided for information purposes.

### E. MetroPlan Orlando Board Highlights

A copy of the March 8, 2017 Board Meeting Highlights was provided for information purposes.

## IX. Upcoming Meetings of Interest to TSMO Members

### A. Next MPO Board Meeting

The next MetroPlan Orlando Board meeting will be held on May 10, 2017, at 9:00 a.m. in the MetroPlan Orlando Board Room, 250 South Orange Avenue, Suite 200, Orlando, FL 32801.

### B. Next TSMOAC Meeting

The next TSMO meeting will be held on May 26, 2017, at 8:30 a.m. in the MetroPlan Orlando Board Room, 250 South Orange Avenue, Suite 200, Orlando, FL 32801.

## X. Other Business

### Advanced Transportation Congestion and Management Technology Deployment Grant (ATCMTD) Initiative Update

Mr. Jeremy Dilmore, FDOT, provided an update to TSMOAC members regarding the ATCMTD grant. He explained that the USDOT issued the Notice of Funding Opportunity for the grant on April 13, 2017. Mr. Dilmore explained that the grant provides \$60 million in federal funding to eligible entities to develop model sites for large scale installation and operation of advanced transportation technologies to improve safety, efficiency, system performance and infrastructure return on investment. He noted that grant proposals must be submitted by June 12, 2017. Mr. Dilmore said that the USDOT will choose no less than five and no more than 10 awards of up to \$12 million individually. The entities selected must provide the 50% grant match requirement. Mr. Dilmore recapped the projects that were included in the 2016 application. He discussed the

necessary steps in going forward with the grant application. He said that MetroPlan Orlando, FDOT District 5, UCF, City of Orlando, Orange and Seminole Counties and CFX are partnering on this grant application to develop a proposal for the region. He explained that the 2017 proposal will include Multimodal Integrated Corridor Management, Multimodal and route trip planning, autonomous vehicle technologies, connected vehicle applications, smart city applications and real-time maintenance monitoring and development of a unified payment system. This is feasible to execute within the parameters of the grant. Mr. Dilmore noted that the University of Central Florida was chosen as the proving ground due to its unique compact campus, transportation challenges, availability of researchers, extensive shuttle system, large users of all modes, and unusual trip patterns. He stated that UCF not only provided a testing facility but also has the personnel and staff suitable to conduct the testing and research, facilitating the process of implementation and gathering data that will be critical for future Regional implementations. Additionally, it provides a compact city which offers an ideal environment for proving and refining technology without the expense of a vast roadway network. Further, this grant provides an opportunity to improve transportation for all students including low income students, non-native students, disabled students, and transit dependent students.

#### Laserlux G7 Mobile Retroreflector Discussion

Charlie Wetzel and Mike Blinn, Seminole County staff members, presented the request to purchase the Laserlux G7 Mobile Retroreflector. Mr. Wetzel explained that pending Regulation FHWA-2009-0139 requires all State, County and Local agencies to implement a method to show that the pavement markings meet or exceed minimum retroreflectivity. Seminole County has been taking measurements for 3-4 years to help determine when to restripe roadways. The current device was purchased in 2009 for \$17,000 and it takes nine readings per mile @ 3-4 seconds per reading; requiring staff to take readings in sometimes hazardous traffic situations. Mr. Blinn conveyed to Board members that the Laserlux G7 Mobile Retroreflector is vehicle mounted and it does not require staff to take readings in traffic. The device takes 400 readings per second while driving, and can do the entire County in 2-3 months. Cost of the device is \$83,200, maintenance is \$2,500 every 18-24 months, and the data can be exported for Excel, GIS or Google Earth applications. Mr. Wetzel expressed that the device is too costly for Seminole County to purchase alone for something used only a few months a year. He requested that consideration be given to MetroPlan Orlando purchasing the device in a manner similar to the purchase of the 3D Laser Scanner for LE used by CSX. Mr. Wetzel proposed that the device be shared among the 3 Counties, each getting use 4 months a year. Additionally, the Cities within each County can also utilize the device. Mr. Wetzel offered that Seminole County will pay for maintenance, house the device, and maintain the schedule among agencies. They noted that preliminary discussions with Orange and Osceola County striping staff have been favorable.

Discussion ensued among the TSMOAC members concerning the request. The Committee members asked, were similar devices sold by other companies and if those companies were contacted in an effort to provide accurate cost comparisons; could the device be used for other types of striping (i.e. transverse striping for stop bars and pedestrian crossings) if there would be the option for cities to pay the county to stripe local city roads and streets; if there needs to be an interlocal agreement that details ownership, costs, maintenance, liability and insurance; and the need for a study to determine the number of lanes miles within the region that require striping. In response to the question of ownership of the 3D Laser Scanner purchased for CSX, Mr. Homayouni noted there is specific language in the agreement that states who owns and maintains the equipment. There was general support of the project; however, consensus of the TSMOAC members was to direct staff meet with the Seminole County staff in an effort to get satisfactory responses to the questions and report back at the next meeting.

**XI. Public Comments (General)**

None

**XII. Adjournment**

Due to time being available, committee members were asked to report on any news of interest to TSMO members in their local jurisdiction.

There being no further business, Chairman Zaballero adjourned the meeting of the Transportation Systems Management & Operations Advisory Committee at 9:40 a.m. The meeting was recorded and transcribed by Ms. Lisa Smith.

Approved this 26<sup>th</sup> day of May, 2017



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Ms. Joedel Zaballero, Chairman



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Ms. Lisa Smith, Committee Services Coordinator

As required by Section 286.0105, Florida Statutes, MetroPlan Orlando hereby notifies all interested parties that if a person decides to appeal any decision made by MetroPlan Orlando with respect to any matter considered at such meeting or hearing, he or she may need to ensure that a verbatim record is made to include the testimony and evidence upon which the appeal is to be based.